

Implementing Cisco MPLS (MPLS) v3.1

Category: Networking & Security | **Vendor:** Cisco

Duration: 5.00 hours (1 days)

4.1 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: vILT

Prerequisites & Entry Requirements

General Prerequisites:

Intermediate to advanced knowledge of Cisco IOS Software configuration, Configuring and troubleshooting EIGRP, OSPF, IS-IS and BGP, The following Cisco courses can help you gain the knowledge you need to prepare for this course:, Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course Objectives Describe the features of MPLS Describe how MPLS labels are assigned and distributed Identify the Cisco IOS tasks and command syntax necessary to implement MPLS on frame-mode Cisco IOS platforms Describe the MPLS peer-to-peer architecture and explain the routing and packet forwarding model in this architecture Identify the Cisco IOS command syntax required to successfully configure, monitor, and troubleshoot VPN operations Identify how the MPLS VPN model can be used to implement managed services and internet access Describe the various internet access implementations that are available and the benefits and drawbacks of each model Provide an overview of MPLS Traffic Engineering, Course Objectives Describe the features of MPLS Describe how MPLS labels are assigned and distributed Identify the Cisco IOS tasks and command syntax necessary to implement MPLS on frame-mode Cisco IOS platforms Describe the MPLS peer-to-peer architecture and explain the routing and packet forwarding model in this architecture Identify the Cisco IOS command syntax required to successfully configure, monitor, and troubleshoot VPN operations Identify how the MPLS VPN model can be used to implement managed services and internet access Describe the various internet access implementations that are available and the benefits and drawbacks of each model Provide an overview of MPLS Traffic Engineering, Course Objectives Describe the features of MPLS Describe how MPLS labels are assigned and distributed Identify the Cisco IOS tasks and command syntax necessary to implement MPLS on frame-mode Cisco IOS platforms Describe the MPLS peer-to-peer architecture and explain the routing and packet forwarding model in this architecture Identify the Cisco IOS command syntax required to successfully configure, monitor, and troubleshoot VPN operations Identify how the MPLS VPN model can be used to implement managed services and internet access Describe the various internet access implementations that are available and the benefits and drawbacks of each model Provide an overview of MPLS Traffic Engineering, Course Objectives Describe the features of MPLS Describe how MPLS labels are assigned and distributed Identify the Cisco IOS tasks and command syntax necessary to implement MPLS on frame-

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Detailed Course Outline

MPLS Features, MPLS Features, Label Assignment and Distribution, Label Assignment and Distribution, Frame-Mode MPLS Implementation on Cisco IOS Platforms, Frame-Mode MPLS Implementation on Cisco IOS Platforms, MPLS Virtual Private Network Technology, MPLS Virtual Private Network Technology, MPLS VPN Implementation, MPLS VPN Implementation, Complex MPLS VPNs, Complex MPLS VPNs, Internet Access and MPLS VPNs, Internet Access and MPLS VPNs, MPLS Traffic Engineering Overview, MPLS Traffic Engineering Overview, Lab Outline, Lab Outline, MPLS Features, MPLS Features, Label Assignment and Distribution, Label Assignment and Distribution, Frame-Mode MPLS Implementation on Cisco IOS Platforms, Frame-Mode MPLS Implementation on Cisco IOS Platforms, MPLS Virtual Private Network Technology, MPLS Virtual Private Network

Technology, MPLS VPN Implementation, MPLS VPN Implementation, Complex MPLS VPNs, Complex
MPLS VPNs, Internet Access and MPLS VPNs, Internet Access and MPLS VPNs, MPLS Traffic
Engineering Overview, MPLS Traffic Engineering Overview, Lab Outline, Lab Outline

Frequently Asked Questions

Q: What delivery options are available for Implementing Cisco MPLS (MPLS) v3.1?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 1-day Implementing Cisco MPLS (MPLS) v3.1 course provides up to 4.1 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Implementing Cisco MPLS (MPLS) v3.1 training?

The training takes place over 1 day(s), with each day lasting approximately 5.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Implementing Cisco MPLS (MPLS) v3.1?

Yes, we provide corporate training, dedicated training, and closed classes for Implementing Cisco MPLS (MPLS) v3.1. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Implementing Cisco MPLS (MPLS) v3.1, Cisco, vILT

Q: Why choose Nexus Human for Implementing Cisco MPLS (MPLS) v3.1?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Implementing Cisco MPLS (MPLS) v3.1 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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